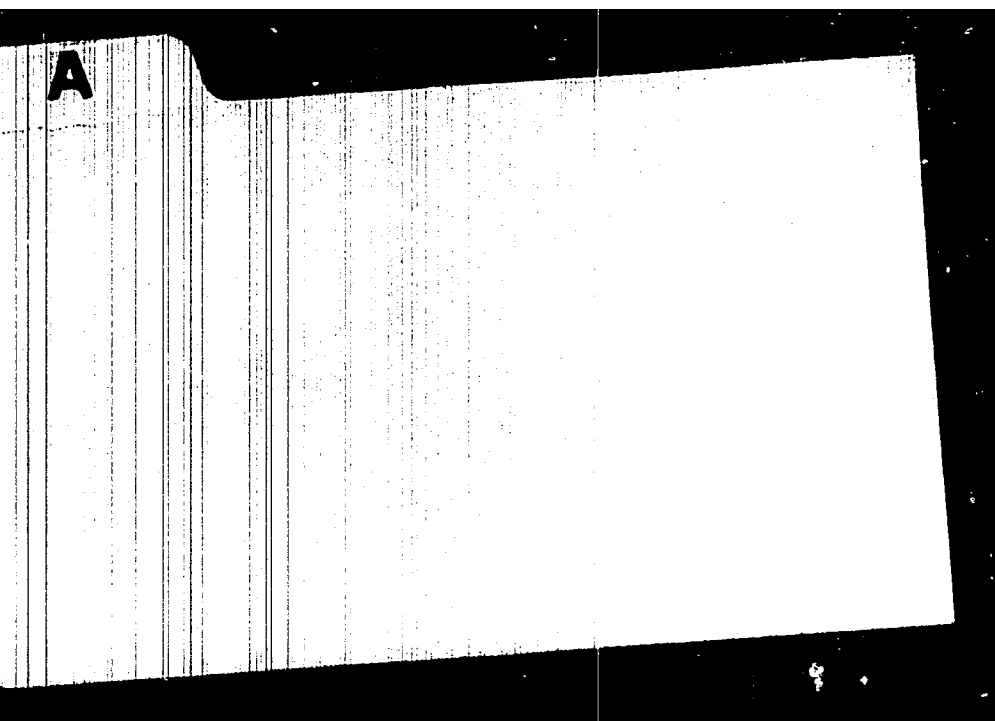


642 - 558

Qel # 67



Shielding Experiments at the
Reactor Station Geesthacht, Annual Report,
1965, by E. Dagge.

GERMAN, rpt, Abschirmungsexperimente Am
Forschungsreaktor Geesthacht Eur-2127, D.
1964, 208 pp.

*AEC OCNL-Tr 1048

EDC Feb 10, 1966

Sci-N. Sci
Jan 66

Shielding Experiments at the Reactor Station
Geesthacht, Annual Report, 1964, by E. Bagge.
GERMAN, rpt, Abschirmungsexperimente Am
Forschungsreaktor Geesthacht, Jahresbericht
1964, EUR-2494.d
*AEC ORNL-Tr-1225
EDC 21 May 1966

Sci/Nuclear Sci
May 66

Abstracts of Soviet Articles on Pathology, 6 pp

GERMAN, rpt, Abstracts from ~~IE~~ Pathology Review,
April 1962, pp 1-6

6 *JPRS/DC-6766

Sci - Med
Apr 62

Abstract Theory of Groups, by Otto Schmidt.

GERMAN, monograph, 1933.

RUSSIAN

* W. H. Freeman & Company
660 Market St.
San Francisco 4, California

Available 1962

Sci

30 Nov

Medicinal Effect of General Susceptibility on
Cancer Through TAT⁴, by R. Stoger, 25 pp.

GERMAN, ^{1/1} ~~per~~, Abteilung der Chemisch-pharma-
zeutischen Fabrik Anvon v. Waldheim, Wein,
IX., pp 1-12.

NIH Tr No 115

Scientific - Medical ^{ine} 30,802

Firming of Canned Apricots, by J. Joux.
FRENCH, per, Academie d'Agriculture de France
Comptes Rendus, Vol 43, No 15, 1957, pp 14-807
CSIRO/No 6874

Sci -
Jul 67

334,482

Effect of Ammonization on the Solubilization of
Elementary Sulphur in the Soil, by G.

Guittoumeau.

FRENCH, per, Academie d'Agriculture de France,

Vol 13, 1927, pp 808-813.

CSIRO/No. 6236

Sci -
Aug 61

335,211

Results Obtained With Ovarian Autografts, by M. E.
Deauy, 43 pp. UNCLASSIFIED

PIERCE, per, Acad de Chir, Vol LXII, 1936, pp 439-458.

Navy 2654/WMCS 480

Sci - Medicine
Nov 60

135,794

Roux-Berger, J. L., Naulleau, J., and Suffran, R.
FOUR CASES OF TRUNKAL PARALYSIS OF THE
UPPER LIMB TREATED BY NOVOCAINIZATION OF
THE STELLATE GANGLION AND THE UPPER
THORACIC SYMPATHETIC CHAIN. [1964] 7p. 4 refs.
61-16760
Available on loan from SLA

Condensed trans. of Académie de Chirurgie, [Paris.
Mémoires] (France) 1938, v. 64 [no. 23] p. 991-999.

DESCRIPTORS: *Neuromuscular transmission,
Pathology, *Arms, *Procaine, *Stellate ganglia,
*Autonomic nervous system

61-16760

I. Roux-Berger, J. L.
II. Naulleau, J.
III. Suffran, R.

184032

Office of Technical Services

(Unannounced)

Mallet-Guy, P. and Lieftring, J. J.
LUMBAR INFILTRATION AND SYMPATHECTOMY
IN FROZEN FBET. [1961] 2p.
Available on loan from SLA

61-16492

Partial trans. of Academie de Chirurgie [Paris.
Mémoires] (France) 1940, v. 66, p. 136-140.

DESCRIPTORS: *Prostbite, *Fos, *Freezing.
*Autonomic nervous system, *Prochinc, *Acetylcholines,
Surgery

61-16492

I. Mallet-Guy, P.
II. Lieftring, J. J.

177664

Office of Technical Services

(Biological Sciences--Neurology TT, v. 6, no. 4)

Mouchet, Albert.
THE VALUE OF STELLATE BLOCK IN FRACTURES
OF THE CARPAL SCAPHOID. [1961] 3p.
Order from SLA m\$1.80, ph\$1.80 61-14489

Partial trans. of Academie de Chirurgie (Paris.
Memoires) (France) 1940, v. 66 [23 Oct] p. 680-682.

61-14489

1. Joints (Physiology)--
Fracture
2. Procaine--Therapeutic
effects
3. Title: Stellate block
I. Mouchet, A.

151890

Office of Technical Services

(Biological) Sciences--Pathology, TT. v. 5, no. 12)

A Case of Tubal Pregnancy with Living
Child at Term, Followed by Normal
Pregnancy, by J. J. Herbert et al.
FEBRUARY, per, Acad. Chir., Vol 89,
No 32-33, 1963, p 893.
*Dept of Navy/NSA

Sci-B&M
Oct 66

Preparation of Anhydrous Aluminum Perchlorate,
by Acerete Garcia, Juan and Uson Lacal, Rafael,
8pp

SPANISH, per, Academia de Ciencias Exactas, Fisico
Quimicas y Naturales, Revista, Vol 9, pp 117-

123

SLA TT-64-16706

Sci - Chem

June 67

328,889

Gutierrez-Colomer, Leonardo.
CONTRIBUTION TO THE HISTORY OF TOBACCO.
[182] 18p.
Order from K-H \$22.50 K-H 3546-c

Trans. of [R.] Academia de Farm[acia]. Anales
(Spain) 1954, v. 20, no. 5, p. 429-438.

DESCRIPTORS: History, *Tobacco.

(Agriculture--Plant Cultivation, TT, v. 8, no. 11)

62-22427

- I. Gutierrez-Colomer, L.
- II. K-H-3546-c
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

70-13469-06P

Lejeune, J.; Turpin, R.; Gauthier, M.
MONGOLISM, CONSIDERED AS A CHROMOSOMAL
DISEASE. Academie Nationale de Medecine. Paris.
Bulletin, v. 143, p. 256-265, 1959. Figs., refs. omitted.
Order from NTC as 70-13469-06P: HC \$ 6.70, MF \$ 5.80.

Clinical and Experimental Studies on Venous
Grafts (As Substitutes), by Juro Wada, 6 pp.
SPANISH, per, Acad. Per. Cir., Vol 16, Mar
1964, pp 425-428.
Dept of Navy/1963 1267

Sci-Res
Sept 68

365,967

Metrization of Topological Spaces,
by P. Aleksandrov.
FRENCH, per, Academie Polonaise de
Sciences. Serie des Sciences
Mathematiques. Astronomiques et
Physiques, Vol 8, No 3, 1960, pp 135-140
NTC 72-11942-12A

June 72

DIELECTRIC STUDIES ON MOLECULAR INTERACTIONS OF
TWO - COMPONENT LIQUID SYSTEMS, BY JOZEF HURWIC,
12 PP.

FRENCH, PER, ACADEMIE POLONAISE DES SCIENCES,
CENTRE SCIENTIFIQUE A PARIS, NO 23, 1961,
PP 1-16.

JPRS 17841

SCI - CHEM
MAR 63

223,976

History of Transmission of Information, by
A. N. Kolmogorov.

BRITISH, per, Acad Republicii Populare Romane An
Revino-Soviet, Ser Mat Fis, Vol XIII, No 1(28),
1959, pp 5-33.

BOOK

Amer Math Soc

Sci-Math

Jan 64

Lupu, N. Gh., Velican, C., Mihaescu, C.
EXPERIMENTAL CONTRIBUTIONS REGARDING THE
ROLE OF THE NERVOUS SYSTEM IN THE REGULA-
TION OF THE SECRETORY RESPONSE OF THE
ADRENAL CORTEX TO THE ACTION OF TOBACCO
SMOKE. [1963] 40p (2figs omitted)
Order from SLA \$3.60

TT-64-10675

[Partial] trans. (p. 141-166) of unidentified mono. pub.
ed. by Acad[emia] R[epublicii] P[opulare] R[omine]
Bucharest, 1955.

Another trans. is available from K-H \$43.75 as
K-H-8535-b [1962] 35p.

(Biological Sciences--Pathology, TT, v. 12, no. 2)

TT-64-10675

I. Lupu, N. G.
II. Velican, C.
III. Mihaescu, C.

Office of Technical Services

Lupu, N. Ch. and Velican, C.
STATE OF PULMONARY SCLEROSIS CAUSED BY
TOBACCO. [1962] 12p
Order from K-H 513.00 K-H 5069-a

Trans. of Academia Republicii Populare Romine].
Buletin Stiintific. Sectia de Stiinte Medicale (Rumania)
1954, v. 4, p. 813-826.

DESCRIPTORS: *Scleroma, *Respiratory system,
*Tobacco, Smokes, Cigarettes.

(Biological Sciences--Pathology. TT, v. 8, no. 8)

62-17503

I. Lupu, N. C.
II. Velican, C.
III. K-H-5069-a
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

A Conductometric Investigation of Molybdic
Acids in Dilute Aqueous Solutions, by
R. Ripan, A. Duca.

RUMANIAN, per, Academia Republicii Populare
Romine Buletin Stiintific. Sectiunea de
Stiinte Tehnice si Chimice, Vol VI, 1954,
pp 251-275.

*AEC

Sci - Chem
Nov 62

Feedback Mechanisms in Ecosystems, by Marcel
Radulescu, Bogdan Stangren, 17 pp.
ROMANIAN, per, Acad. Repub. Populare Romina,
Filiale Cluj, Studi Cercetari Biol, Vol 14,
No 1, 1961, pp 135-148. F911102667
AEC ORNL-Tr-1500

324,341

Sci - Biological and Medical
Apr 67

Separation of the Effects of Fast-Neutrons and
Gamma Radiation on the Radiolysis of Water,
by P. Bebesel, I. Purica.

RUMANIAN, per, Academia Republicii Populare
Romane, Inst de Fizica, Atomica, Studii si
Cercetari de Fizica, Vol 12, 1961, pp 557-562.
•NASA TT F-11,176

GOVERNMENT ~~EXCLUDED~~ USE ONLY

Sci-Phys

Sept 67

A Rule Concerning the Variation of the Atomic and
Ionic Radii and the Ionization Potentials, by
Dimitru D. Procopiu.

RUMANIAN, per, Acad Rep Populare Romine, Institute
Fiz. Studii Cercetari Fiz, Vol IV, Jan-June 1953,
pp 27-68.

*AEC

Sci - Nucl Sci

Apr 63

Automatic Adiabatic Microcalorimeter for the Measurement
of Radioactivity, by A. Hilf.

RUMANIAN, per, Acad. Rep. Populare Romine, Inst.
Fiz., Studii Cercetari Fiz., Vol VI, 1953, pp 373-376.

*AEC

Sci - NS
Feb 64

Optical and Electron-Diffraction Study
of Gold-Tin Alloys Deposited by Simul-
taneous Evaporation, by E. Toma,
I. Teodorescu, G. Hollos, 9 pp.

RUMANIAN, Acad Rep Populare Romine.
Inst de Fiz. Studii si Cercetari de Fiz,
Vol X, No 1, 1959, pp 63-73.

ATS-30440RU

Sci

30 Mar 62

Natural Systematics of Elements (1-100), by
C. G. Bedreag.

RUMANIAN, per, Acad Republ Populare Romane,
Filiala Iasi, Studii si Cercetari Stiintifice,
Vol III, 1952, pp 71-81.

*AEC

Sci - *phys*

May 60

The Occurrence of Homologs and the Quantum
Structure of the Elements. Part II., by C. G.
Badreag, 7 pp.

ROMANIAN, per, Academia Rep Populare Romine,
Filiala Iasi, Studii Cercetari Stiint Chim,
Vol VII, No 2, 1956, pp 1-4.

AEC Tr-4117'

Sci - Chem
10 Nov 60
List 45

131,421

Dragulescu, G., Simonescu, T., and Anton, R.
THE TITRATION OF BARIUM AND LEAD WITH
SODIUM SULFATE IN THE PRESENCE OF THO-
RIUM-VIOLET COMPLEX OF PYROCATECHOL
(VPC) AS INDICATOR. [1961] 5p.
Order from ATS \$10.75

ATS-33N49RU

Trans. of Academia Republicii Populare Romine.
Baza de Cercetari Stiintifice, Timisoara. Studiul
Cercetari Stiintifice. Seria Stiinta Chimica (Romania)
1959, v. 6, no. 3/4, p. 27-32.

(Chemistry--Analytical, TT, v. 5, no. 11)

61-22123

1. Titration
2. Erium--Determination
3. Lead--Determination

1. Dragulescu, G.

II. Simonescu, T.

III. Anton, R.

IV. ATS-33N49RU

V. Associated Technical
Services, Inc.,

East Orange, N. J.

A75 A4-4077

Office of Technical Services

An Apparatus for Trichromatic Colorimetry
Adaptable to Pulfrich's Photometer, by Ioana
Aricescu, Radu Grigorovici, 14 p.

ROMANIAN, per. Acad Rep Populare Romine, Bul
Scientific. Sect Mat Fiz, 1952, Vol IV No 2,
pp 617-627.

SIA 63-14-774

SIA 59-15993

Sci
Feb 60 Vol 2, No 9

107,025

62-34255

Rivenzon, A. S.
EXPERIMENTAL DATA ON THE STUDY OF THE
PROCESS OF SPERMATOGENESIS AND CELLULAR
NEOGENESIS. Pt. 1 of Contributions to the Study of
Spermatogenesis. [1962] 23p.
Order from ATS \$29.50 ATS-86F62RU

Trans. of Acad[emia] Rep[ublicii] Populare Romine.
Buletin Stiintific. Sect[ia de] Stiinte Med[icale]
(Rumania) 1954, v. 6, no. 4, p. 1043-1083.

DESCRIPTORS: *Spermatogenesis, Cells (Biology),
Reproduction.

(Biological Sciences--Physiology, TT, v. 9, no. 1)

- I. Rivenzon, A. S.
- II. ATS-86F62RU
- III. Associated Technical
Services, Inc., East
Orange, N. J.
- IV. Title: Contributions...

Office of Technical Services

Contributions Towards the Establishment of
a Method for the Calculation of the Capacity of
Grinding Machinery, by I. Huber Panu, Emil Pope,
30 pp.

PER, Acad Rep Populare Romane, Cercetari
Met, Vol II, 1954, pp 499-512.

7
ABO MP-tr-319

Sci -
Feb 60

107,539

62-14870

I. Lungu, S. N.

Lungu, S. N.
A MECHANISM OF THE CRYSTALLIZATION OF
GLASSES (Un Mecanism al Cristalizarii Sticlelor).
[1962] [16]p. (foreign text included) 9 refs.
Order from SLA \$1.60 62-14870

Trans. of Academia R[epublicii] P[opulare] R[ominie].
Comunicatile, 1962, v. 2, no. 3/4, p. 243-248.

DESCRIPTORS: *Glass, *Crystallization, Crystals,
Growth, Phase transitions.

(Physics--Solid State, TT, v. 8, no. 4)

Office of Technical Services

Color Reactions of Acetylene, by Silviu Tilenschi,
5 pp.

ROMANIA, Per. Acad Rep Pop Romine, Filiala Cluj.
Studii Cercetari Stiint, 1952, Vol III, No 3/4,
pp 99-102.

SLA 59-10654

Sci
Oct 59
Vol 2, No 3

99,924

Continuing Information Gains from Indigenous
Sources, by S. L. Jones, 22p.
NSA-204, 1st, Amman, Jordan
Foreigner Section, Amman, Jordan
in Amman, Vol. 2, No. 1-2, 1974, pp 15-26.
CNS-206

332, 297

Sci
Jul 67

Lungu, S. N. and Popescu-Has, D.
CERAMIC MASSES OBTAINED AT THE CRYSTAL-
LIZATION OF SILICATE MELTS (Mase Ceramice
Obtinate prin Cristalizarea Topiturilor de Silicati).
[1963] [21]p. (foreign text included) 4 refs.
Order from SLA \$2.60 63-14075

Trans. of Academia Republicii Populare Romane.
Studii se Cercetari de Chimie (Romania) 1955, v. 3,
no. 3/4, p. 225-232.

DESCRIPTORS: *Silicates, *Crystallization, *Melting,
Nucleation, *Ceramic materials, Crystal structure,
X-ray diffraction analysis.

(Materials - Ceramics, TT, v. 10, no. 4)

63-14075

I. Lungu, S.*N.
II. Popescu-Has, D.

Office of Technical Services

TT-65-12245

Field 9E, 12B

Popov, V. M.
STABILITY CRITERIA FOR NON-LINEAR SYSTEMS OF
AUTOMATIC CONTROL BASED ON THE USE OF THE
LAPLACE TRANSFORM. Paper presented at the Institut
de Energetica, 3 Oct 58. 23p, 6 refs.
Order from SLA: \$2.60 as TT-65-12245

Trans of Academia Republicii Populare Romane.
Institutul de Energetica, Studii si Cercetari de Energetica
(Romania) vol 1 p 19-35 1959.

I. Popov, V. M.

MR 628

TT-65-12287

Field 9E, 12B

Popov, V. M.
SUFFICIENCY CRITERIA FOR TOTAL COMPLETE
ASYMPTOTIC STABILITY IN NON-LINEAR
AUTOMATIC SYSTEMS WITH SEVERAL CONTROL
DEVICES. 49p, 13refs.
Order from SLA: \$4.60 as TT-65-12287

Trans. of Academia Republicii Populare Romine.
Institutul de Energetica. Studii si Cercetari de
Energetica (Romania) v9 n4 p647-80 1959.

I. Popov, V. M.

MR 629

Honourines of Cocaine, Codeine, Nicotine
and Papaverine, by Spiridon N George, 8 pp.

INDEX
HEBANIAN, per, Academia Republicii Populare
Romane. Comunicari, Vol V, No 5, 1955,
pp 621-625.

K-E 5796 a

Sci

226,764

Apr 63

Some Factors With Influence on the Stability of
Viscose, by E. Calistru, N. Simionescu,
C. Simionescu, 33 p.

ROMANIAN, per, Acad Rep Populara Romina Filiala
Iasi. Studii Cercetari Stiint Chim, 1956,
Vol VII, No 2, pp 149-190.

ATS-96129RU

Sci
Feb 60
Vol 2, No 9

107,020

An Electric Rocket, Driven by Nuclear Energy,
Considered as a Means of Communication Between
Circular Orbits, by I. Shechtman.

RUMANIAN, per, Academia Republicii Populare Romane
Institutul de Fizica, Vol VII, No 1, 1956, pp 117-144.

*JPRS R-555-N for Army Rocket
and Guided Missile Agency

Sci - Nuc Phys
May 61

Transesterification of Dimethyl Terephthalate
With Ethylene Glycol, by R. Mihail.
ROMANIAN, per, Acad Rep Populare Romania, Studii
Cercetari Chim, Vol 6, 1958, pp 161-183.
ATS-40662

Sci
Dec 68

368,733

Lapu, N. G. and Velican, C.
THE BIOLOGY OF THE SCLEROTIC PROCESS.
III. EXPERIMENTAL INVESTIGATIONS CONCERN-
ING THE ROLE OF CHRONIC SMOKING. [1964] [26p]
(figs omitted) 23 refs
Order from SLA \$2.60

TT-64-10638

Trans. of [Academia Republicii Populare Romaine,
Institutul de Medicina Interna]. Studii [si] Cercet[ari]
de Medicina Interna] 1961, v. 2, p. 237-250.
Another trans. is available from K-H \$31.25 as
K-H-11548-d [1962] 25p.

(Biological Sciences--Pathology, TT, v. 11, no. 12)

TT-64-10638

I. Lapu, N. G.
II. Velican, C.
III. Title: Experimental ...

Office of Technical Services

A Problem of Flow Through a Fractured Porous
Medium, by T. Oroveanu,
RUMANIA, Ser. Acad. Rep. Populare Romine,
Studii Cercetari de Mecan. Alp., Vol XII,
No 2, 1961, pp 633-640.
ATS RU-4434

Sci-Phys
Apr 67

521,357

Nuclear Isomerism and Atomic Spectra, (Part 1),
by R. Weiner, 15 pp.

, per, Acad Rep Populare Romine, Inst Fiz
Atomica si Inst Fiz Studii Corectari Fiz, Vol VII,
1956, pp 567-577.

AEC NP-tr-317

Sci - Nuc Phys
Feb 60

107,530

A Statistical Proof of the Cyclic Conditions in
the Lattice Theory of Crystals, by V. Sengupta,
4 pp.

REBANCHAN, Jean, Academie Republicai Populare
Romine, Institutul de Fizica. Studii Universitari
de Fizica, Vol. IX, No 4, 1958, pp 459-463.

ATS-78136RU
ATS/KU-2609

184, 709

Sci
Feb 62
Vol III, No 11

Optical and Electron-Diffraction Study
of Gold-Tin Alloys Deposited by Simul-
taneous Evaporation, by E. Toma,
I. Teodorescu, G. Balas, 9 pp.

ROMANIAN, Acad Rep Populare Bucure.
Inst de Fiz. Studii si Cercetari de Fiz,
Vol X, No 1, 1959, pp 63-73.

ATS-3440HU
ATJ/RU-2606
188,921

Sci

30 Mar 62

Evoluta Calculul si Proiectarea Selectorului de
Neutroni Eligoildal, by G. Ionescu.

RUMANIAN, per, Academia Republici Populare Romine,
Institutul de Fizica Atomica, Studii si Cercetari
de Fizika, Vol X, 1960, pp 559-580.

*NASA

Sci

4 May 62

The Absolute Measurement of Thermal Neutron
Flux With Gold Foils, by N. Mateyescu, 37 pp.

RUMANIAN, per, Acad Rep Populare Romine, Inst
Fiz Atomica si Inst Fiz Studiil Cercetari Fiz,
Xi Vol XI, No 1, 1960, pp 83-96.

AERE, Harwell
NP Tr-648

166,194

Sci
Sep 61

On Heat or Mass Transfer Between the Fluidizing &
Agent and the Solid Particles of the Fluidized
Bed, by E. Ruckenstein, I. Teoreanu, 25 pp.

RUMANIAN, per, Acad Rep Populare Romine,
Inst Fiz Atomica si Inst Fiz Studi Carcetari Fiz,
Vol XI, 1960, pp 117-128.

ABC NP Tr-538

Sci - Phys
May 61

150,370

Determination of the Neutron Flux Energy
Distribution by Activation and Transmission
Experiments, by M. Sabauk, I. Zamifrescu, 5 pp.

RUMANIAN, per, Acad Rep Populare Romine, Inst
Fiz Atomica si Inst Fiz Studii Cercertari Fiz,
Vol XI, 1960, pp 351-356.

*AEC

ATS - 74W55K.1

Sci
Oct 61

Data on ~~egg~~ Ornithosis Infection in the Irradiated
and Non-Irradiated White Rat, by I. Berloga, I.
Strati, S. Schoenfeld, 6 pp.

RUMANIAN, per, Acad Rep Populare Romine Inst
Inframicrobiol, Studii Cercetari Inframicrobiol
Microbiol Parazitol, Vol XI, 1960, pp 111-115.

AEC MP-Tr-579

166,213

Sci
Aug 61
Sep

Tudose, R[adu] Z.
INCREASING THE RATE OF THE ABSORPTION PRO-
CESS BY THE USE OF PULSATIONS. Apr 64, 7p
20refs
Order from ICE \$15.00/year in International Chemical
Engineering, 1964, v. 4, no. 2, p. 219-225

Trans. of [Academia Republicii Populare Romane,
F[iliale Iaasi]] Studi si Cercetari Stiintifice: [Chimie]
(Rumania) 1967[v. 13] no. 2, p. 319-331.

(Chemistry--Physical, TT, v. 12, no. 4)

TT-64-22217-2 (p. 219-225)

I. Tudose, R. Z.
II. International Chemical
Engineering, New York

Office of Technical Services

Semiconductor Properties of Sintered Bodies in
the System ZnO-TiO_2 , by P. Balta, F. Oprea.
RUSKIAN, per, Acad Rep Populare Romine, Studii
Caractari Mat, Vol 7, 1962, pp 405-414.
AFS-HI-5247

Sci-Phys
Mar 70

403,200

Optimum Operating Conditions for the Total Separation
of Light Isotopes C18, N15, and O18 and Division for
Separation Installations into Levels, by A. Olaru,
8 pp.

ROMANIAN, per, Academia Republicii Populare Romine,
Institut de Fizica Atomica si Instrumente de Fizica,
Bucuresti, 1962, Vol. XII, 1962,
pp 935-938. 922021

ABC-MILM-Tr-1259

Sci-Plys

Aug 65

260,401

Conditions of Optimum Reflux for Isotope
Separation Columns, by A. Clarin, 12 pp.
RUMANIAN, par. Academia Republicii Populare Romine
Institutul de Fizica Atomica si Ionizanta de Fizica
Revue de Chimie de France, Vol XIII, 1962,
pp 937-943. 923281
AEC-MLM-Tr-2238

Sci-Plys
Aug 63

286, 400 400

On the Instability of Circular Gas-Lubricated Bearings, by V. N. Constantinescu, 33 pp.

ROMANIAN, per, ACad Rep Populare Romine, Inst Mecan Apl "Traian Vuia," Studii Cercetari Mecan Apl, Vol. X, 1959, pp 117-140.

ABC AERE-Trans-856

Sci - Eng
Apr 61

149,029

Method of Measuring the Propagation Velocity
of Shock Waves, by I. Jakab, A. Zaharesku,
et al, 16 pp.

RUMANIAN, por, L'Academie de la Republique
Populaire Roumaine. Revue de Mechanique
Appliquees, Vol VII, No 1, 1962, pp 173-183.
9683150

FTD-TT-63-313

232,447

Sci-Phys
Jun 63

Structural and Thermodynamical Basis of the Reactions
of Liquid Metallurgical, by T. T. Negrescu. UNCL

RUMANIAN, per, Acad Romine Met, No 2, 1958, pp 161-202.

BISI E 1754

(to be translated upon 1 or
more requests)

Sci - Min/Met
Jun 60

Some Applications of Spectral Sets, I. Harmonic-
Spectral Measure, by

Ciprian Foias, 38 pp.

Run ~~Czech~~, per, Acad. R.P. Romine, Stud. Cerc. Mat. 10,
1959, pp 365-401

Amer Math Soc Tr,

Vol 61, Series 2

337,016

Sci - Math

Sep 67

Effect of Manufacturing Process Upon the Nature
and Amount of Nonmetallic Inclusions in Steel,
by S. Dascalu. UNCL

RUMANIAN, per, Acad Romina Mat Studi si Cercetari
de Metalurgie, No 1, Bucharest, 1958, pp 39-52.

British Iron and
Steel Ind 1251
(L5 15a.Od.)

Sci - Min/Mat
May 59

86.829

The Preparation of Ores and Auxiliary
Materials, Some Equations Concerning the
Kinetics of Flotation, by I. H. Panu.
ITALIAN, per, Acad Rep Polulare Romine
Studii i Cercetari Mat., Vol IX, No 1,
1964, pp 17-28.
Chem Trans Sv No 2681

Sci-Chem
Mar 67

320,876

Efficient Machining Schedules for Rumanian Carbon Steels, by E. P. Popov, E. D. Deciu, et al.

RUMANIAN, per, Acad Romine Studii Cerc Nec Aplic, Vol XIII, No 4, 1962, pp 1001-1020.

*BISI 3461

Sci-M/M

Nov 63

Magnetism. Influence of the Magnetic Field on
Crystallization, by D. Samuracas, 3 pp.

FRENCH, bk, Academie des Sciences, 1932, pp 1225-
1227.

SLA Tr 1551

Sci - Physics
Apr 1957

46,148

Jan 1957

Desulfurization and Refining of Gasoline and
Jet Fuel by Means of Surface-Active Agents in
a Fluidized Bed, by K. Werner, 13 pp.

GERMAN, per, Academia Scientiarum Hungaricae,
Acta Chimica, Vol XXXVI, No 1, pp 289-298.

FI00143566

FTD-TT-65-1343

Sci-Prop & Fuels
Feb 67

318,212

Method of Determining Oxygen Consumption in
Saliva, by K. Toth, 15 p.
GERMAN, per, Academia Scientiarum Hungaricae.
Acta Medica, Vol 16, No 3, 1960, pp 319-330.
P100336667
FTD-HT-67-72

Sci-IRM
Jan 68

346,468

The Effect of Constant Living Conditions on the
Buffer Capacity of Saliva, by I. Szabo & K.
Toth, 16 pp.
GERMAN, per, Academia Scientiarum Hungaricae.
Acta Physiologica, Vol 20, No 2, 1961, pp 93-104.
P100348567
FTD-HT-67-71

Soc/B & M
Jan 68

348,340

62-10604

I. Hofmann, K. A.

Hofmann, K. A.
THE FORMATION AND DECOMPOSITION OF
POTASSIUM PERCHLORATE AND A NEW DETER-
MINATION OF THE HEAT OF REACTION. [1961]
12p. (3 graphs omitted) 8 refs.
Order from SLA \$1.60

62-10604

Trans. of Akademie der Wissenschaften, Göttingen.
Mathematisch-Physikalische Klasse. [Nachrichten]
(Germany) 1932, p. 448ff.

DESCRIPTORS: Potassium compounds, Perchlorates,
Decomposition, Heat of reaction.

(Unannounced)

Office of Technical Services

TT-64-10588

I. Plaskowski, J.

Plaskowski, Jerzy.
THE INFLUENCE OF THE CAST IRON MODIFICATION OF NODULAR GRAPHITE (Influenta Modificarii Fontei cu Ferrosiliciu Asupra Formarii Grafritului Nodular). [1963] [68p] (foreign text included) 23refs
Order from SLA \$6.60 TT-64-10588

Trans. of Acad[emia] Rep[ublicii] Populare Romine.
[Centrul de Cercetari Metalurgice]. Studi[ul]
Cercetari [de] Metalurgie 1960, v. 5 [no. 1] p. 7-27.
(Abstract available)

DESCRIPTORS: *Iron, *Castings, Iron compounds,
Ultracompounds, Graphite, Magnesium, Micro-
structure, Crystallization, Statistical functions,
*Metallurgical analysis.

There was studied the influence of the modification which
(Metallurgy--Ferrous Metals, TT, v. 11, no. 9)(over)

Office of Technical Services

Automatic Adiabatic Microcalorimeter for Measure-
ment of Radioactivity, by A. Hill, Al. Sanielsvici, 9 pp.
ITALIAN, per, Academia Republicii Populare Romine
Institutul Fiz, Studi Cercetari Fiz, Vol VI, 1955,
pp 373-376. 9224365
AEC-UCRL-Tr-1034(L)

Sci-Phys
Aug 64

265,122

Balta, P. and Oprea, P.
SEMICONDUCTOR PROPERTIES OF SINTERED
BODIES IN THE SYSTEM $ZnO-TiO_2$. [1963] 8p
Order from ATS \$10.00

ATS-53Q72RU

Trans. of Academia Republicii Populare Romine.
[Centrul de Cercetari Metalurgice]. Studiul Cer-
cetarii [de] Metalurgie [1962, v. 7, p. 405-414.

DESCRIPTORS: *Zinc compounds, Oxides, *Titanium
compounds, Sintering, *Semiconductors.

(Physics--Solid State, TT, v. 11, no. 3)

TT-64-12052

- I. Balta, P.
- II. Oprea, P.
- III. ATS-53Q72RU
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Dragulescu, C., Simionescu, L. and others.
METAL COMPLEXES OF ANTHRANYL-N, N-DIACETIC
ACID. II. THE COMPLEX Fe^{III} -AND A COMPOUND.
[1962] 7p.
Order from SLA 11.10

62-14448

Trans. of (Academia Republicii Populare Romine. Baza
de Cercetari Stiintifice, Timisoara. Studii si
Cercetari Stiintifice. Seria Stiinta Chimice, 1959, v. 6,
no. 3/4, p. 9-15).

DESCRIPTORS: *Complex compounds, Metals, *Iron,
Copper, Thorium, *Acetic acids, Reaction kinetics,
Chemical analysis.

Photocolorimetry was used to determine the instability
constant of the $[Fe(III)-ANDA]$ complex by removing
copper from the $[Cu-ANDA]$ complex and replacing it
with $Fe(III)$. The value of K_{Fe} was found to be equiva-
lent to $2.39 \cdot 10^{-10}$ for $\beta = 0.1$. A value of similar
(Chemistry, TT, v. 9, no. 4) (over)

62-14448

I. Dragulescu, ...
II. Simionescu, ...
III. Title Complex ...

Office of Technical Services

On the Ammonia-Phosphoric Acid System,
by Enrico Crepaz, 3 pp.

ITALIAN, per, Accademia Patavina
di Scienze, Lettere e Arti. Atti
e Memorie, Vol LXII, 1949/1950,
pp 35-38.

SLA 60-16200

Sci
Vol IV, No 11
Jun 62

The Inactivation of Alkaloids by Urotropine and
Certain of its Salts, by Jean Gautrelet.
FRENCH, per, Academie Nationale de Medecine, BULL.
1932, ser. 3, vol. 108, pp. 1678-1681.
K-H-1109-e

B/M
Aug 66

7
308,601

On Heat Transfer in Reactors, by M. Bucherstaun,
6 pp.

ITALIAN, per, Acad Rep Popolare Roma, Inst Fis
59411A Caratteriz Filz, Vol VII, 1956, pp 63-66.

REC-TR-3609

Sci - Phys

Jul 59

92,068

Optimum Conditions for Separation in a Thermal
Diffusion Column Operating With Hot Wire. Their
Application to the Nitrogen Isotopes, by Gh. Vasaru,
10 pp.
ITALIAN, per, Academia Republicii Populare Romine,
Institutul de Fizica Atomica si Institutul de Fizica,
Studii si Cercetari de Fizica, Vol XIII, No 6, 1962,
pp 947-957. 9224893
AEC-ORNL-Tr-116

Sci-Phys
Nov 64

268,539

Oroveanu, T. and Pascal, H.
THE PROPAGATION OF PRESSURE WAVES IN A
LIQUID FLOWING THROUGH A POROUS MEDIUM.
[1962] 4p.

Order from ATS \$6.00

ATS-02P59RU

Trans. of Acad[emia] Rep[ublicii] Populare Romine.
Inst[itutul de] Mecan[ica] Ap[p]licata. Studii [si]
Cercetari [de] Mecan[ica] Ap[p]licata 1958, v. 9,
p. 625-629.

DESCRIPTORS: *Shock waves, *Propagation, Fluid
flow, Porous materials.

(Physics--Wave Propagation, TT, v. 8, no. 3)

62-12806

- I. Oroveanu, T.
- II. Pascal, H.
- III. ATS-02P59RU
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Lupu, N. Gh. and Velican, C.
THE BIOLOGY OF THE SCLEROTIC PROCESS. III.
EXPERIMENTAL INVESTIGATIONS CONCERNING
THE ROLE OF CHRONIC SMOKING. [1962] 25p.
Order from K-H \$31.25 K-H 11548-d

Trans. of Academi Republicii Populare Romine.
Institutul de Medicina Internal. Studii [si] Cercet[ari]
de Medicina Internala 1961, v. 2, p. 247-251.

DESCRIPTORS: *Atherosclerosis, Smokes, Tobacco,
*Cigarettes.

(Biological Sciences-Pathology. IT, v. 8, no. 10)

62-17502

- I. Lupu, N. Gh.
- II. Velican, C.
- III. Title: Experimental...
- IV. K-H-11548-d
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Automatic Adiabatic Microcalorimeter for the
Measurement of Radioactivity, by A. ELIF.

ITALIAN, for, Academia Republicii Populare Romane,
Institutul Fiz, Studii ~~EXPERIMENTALE~~ Cercetari, Fiz,
Vol VI, 1955, pp 373-376.

*AEC

Sci - Electr

Dec 63

Development, Calculation and Planning of Helical
Neutron Chopper, by G. Ionescu.

ITALIAN, per, Accademia Republicii Populare Romine,
Institutul Fiz Atomice, Studiul si Construcii Fiz,
Vol X, 1960, pp 539-560.

NASA TT' F-8231

Sci
Jan 63
US GOV'T USE ONLY

219,840

On the Formation of Thermal Decomposition
of Apatite. II. On the Thermal Synthesis
of Apatite, by C. Liteanu, D. Macarovici.
RUMANIAN, par, Academia Republicii Populare
Romane Filiala Cluj. Studii si Cercetari de
Chemie, Vol 11, No 1, 1960, pp 55-66.
SLA TT-66-10266

Sci-Chem
Aug 66

309,194

Separation of the Effects of Fast-Neutrons
and Gamma Radiation on the Radiolysis of
Water, by P. Bebesel, I. Purica.
ROMANIAN, per, Academia Republicii Populare
Romane, Institutul de Fizica, Atomica, Studii
si Cercetari de Fizica, Vol 12, 1961,
pp 557-562.
NASA TT F-11,176

GOVERNMENT USE ONLY

Sci-Nucl Sci

Nov 67

342,007

Determination of the Adjoint Thermal Flux by
Perturbation Experiments, by M. Sabau, Th. Rosescu,
5 pp.

ITALIAN, for, Acad Rep Populare Romania, Inst Fiz
Atomice si Inst Fiz Studiilor Ceretari Fiz, Vol XII,
1961, pp 583-587.

ABO-Tr-5808

Sci - Phys

Aug 63

341,319

A Problem of Flow Through a Fractured Porous
Mediu, by T. Orovesanu.

ITALIAN, per, Acad Republicii Populare a României
Institutul de Mecanica Aplicata si
de Mecanica Aplicata, Vol XII, N
pp 633-640.

ATS 66R77RU

Apr 67

3223,004

62-18913

Handel, Petru.
SLOW SURFACE STATE RELAXATION IN SEMI-
CONDUCTORS. [1962] 13p. 6 refs.
Order from SLA \$1.60

62-18913

Trans. of Acad[emia] Rep[ublicii] Pop[ulare] Romine.
Institutul de Fizica, Studii si Cercetari de Fiz-
ica 1961, v. 12, no. 4, p. 753-763.

DESCRIPTORS: *Semiconductors, Surface properties,
Films, Oxides, Impurities, Electrons, *Relaxation
time, Space charges, *Electric fields.

(Physics--Solid State, TT, v. 9, no. 11)

I. Handel, P.

Office of Technical Services

62-18769

Draganescu, M.
THEORY OF TRANSISTORS WITH HIGH INJECTION
LEVELS: DEPENDENCE OF THE VELOCITY OF
SURFACE RECOMBINATION ON THE INJECTION
LEVEL AT THE BASE OF THE TRANSISTOR.

[1962] 7p. 7 refs.

Order from SLA \$1.10

62-18769

Trans. of Academia Republicii Populare Romine.
Institutul de Fizica. Studii si Cercetari de Fizica.
1961, v. 12, no. 4, p. 815-820.

DESCRIPTORS: *Transistors, Theory, Injection,
Surface properties, Velocity.

(Physics--Electronics, TT, v. 9, no. 11)

I. Draganescu, M.
II. Title: Dependence...

Office of Technical Services

Thermodynamic Properties of Zirconium and Hafnium
Halides, by S. N. Lungu, 8 pp.

ITALIAN, per, Acad Rep Populare Romine, Studii Cercetari
Fiz, No 13, 1962, pp 29-35. 9213612

AEC-Tr-5906

Sci - Nucl Sci
Nov 63

241, 305

On the Formation and Thermal Decomposition of
Apatite. III. Thermographic Analysis of the
Reactions Proceeding at the Thermal Synthesis
of Apatite, by C. Liteanu, D. Macarovici.
RUMANIAN, per, Academia Republicii Populare
Romine Filiala Cluj. Studii si Cercetari de
Chimie, Vol 13, No 2, 1962, pp 157-170.
SLA TT-66-10267

Sci-Chem
Aug 66

309,195

A New Criterion Regarding the Stability of
Systems Containing Nuclear Reactors,

by V. M. Popov.

FRENCH, per, Ann. Rep. Populare Romine,

Studia Cercetari Energet. Ser A, Vol XII,

1962, pp 513-531. 9232113

REC-DNL-Tr-38

Sci - NS

Mar 66

298,1500

On the Formation and Thermal Decomposition
of Apatite. I. On the Thermal Synthesis of
Apatite, by C. Liteanu, D. Macarovici. 8p.
ROMANIAN, per, Academia Republicii Populare
Biblioteca Cluj. Studii si Cercetari de
Chimie, Vol 8, No 3/4, 1957, pp 199-206.
35-10265

File: 801
Date: 60

310,401